

**Experiment Number:** 97010-01  
**Test Type:** 1-YEAR  
**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:44:26  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

**C Number:** C97010A  
**Lock Date:** Not Entered.  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Male  
**PWG Approval Date** NONE

**Experiment Number:** 97010-01**Test Type:** 1-YEAR**Species/Strain:** Mouse/SKH-1/NCTR**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)****Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)**CAS Number:** HYDROXGLYSAL**Date Report Requested:** 10/19/2014**Time Report Requested:** 12:44:26**First Dose M/F:** NA / NA**Lab:** NCTR

<b>SKH-1/NCTR Mouse Male</b> <b>NO CREAMNO SSL</b>	<b>DAY ON TEST</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	2	3	3	3	0	3	3	2	3	3	3	3	3	3	3	3	3	1	3	3
		6	6	6	7	6	6	6	7	6	6	7	6	0	6	6	6	6	6	6	6	6	6	6
		3	3	4	4	5	5	3	3	8	4	5	5	5	3	0	5	5	3	3	4	4	5	5
	<b>ANIMAL ID</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Alimentary System**

Liver

+ +

Hepatocellular Adenoma

X X

Hepatocellular Adenoma, Two

X

Pancreas

+

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Penis

+

Preputial Gland

+

+

+

+

**Hematopoietic System**

Bone Marrow

+ +

Lymph Node

+ +

Lymph Node, Mandibular

+ +

Spleen

+ +

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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**SKH-1/NCTR Mouse Male  
NO CREAMNO SSL**

Thymus  
Integumentary System

Skin, Control

+

Skin, Site Of Application

+

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

+

Alveolar/Bronchiolar Adenoma

X

Special Senses System

Eye

+

Lacrimal Gland

+

Urinary System

Urethra

+

+

+

**SYSTEMIC LESIONS**

Multiple Organ

+

Lymphoma Malignant

X

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

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**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAMNO SSL</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 |
|---|--------------------|---|---|---|---|---|
|   |                    | 3 | 3 | 3 | 3 | 3 |
|   |                    | 6 | 6 | 6 | 6 | 6 |
|   |                    | 3 | 4 | 4 | 5 | 5 |
|   | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 |
|   |                    | 3 | 3 | 3 | 3 | 3 |
|   |                    | 1 | 1 | 1 | 1 | 1 |
|   |                    | 7 | 7 | 8 | 8 | 8 |
|   |                    | 8 | 9 | 0 | 1 | 2 |

**\*TOTALS**

**Alimentary System**

|                             |   |
|-----------------------------|---|
| Liver                       | 2 |
| Hepatocellular Adenoma      | 1 |
| Hepatocellular Adenoma, Two | 1 |
| Pancreas                    | 1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |   |
|-----------------|---|
| Penis           | 1 |
| Preputial Gland | 6 |

**Hematopoietic System**

|                        |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | 36 |
| Lymph Node             |   |   |   |   |   | 5  |
| Lymph Node, Mandibular | + |   |   |   |   | 5  |
| Spleen                 | + | + | + | + | + | 36 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAMNO SSL</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 |
|---|--------------------|---|---|---|---|---|
|   |                    | 3 | 3 | 3 | 3 | 3 |
|   |                    | 6 | 6 | 6 | 6 | 6 |
|   |                    | 3 | 4 | 4 | 5 | 5 |
|   | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 |
|   |                    | 3 | 3 | 3 | 3 | 3 |
|   |                    | 1 | 1 | 1 | 1 | 1 |
|   |                    | 7 | 7 | 8 | 8 | 8 |
|   |                    | 8 | 9 | 0 | 1 | 2 |

**\*TOTALS**

Thymus

1

**Integumentary System**

Skin, Control

+

+

+

+

+

36

Skin, Site Of Application

+

+

+

+

+

36

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung

+

+

+

+

+

36

Alveolar/Bronchiolar Adenoma

1

**Special Senses System**

Eye

1

Lacrimal Gland

1

**Urinary System**

Urethra

3

**SYSTEMIC LESIONS**

Multiple Organ

+

+

+

+

+

36

Lymphoma Malignant

1

\* ..Total animals with tissue examined microscopically; Total animals with tumor

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| <b>SKH-1/NCTR Mouse Male</b><br><b>CTLCREAMNO SSL</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID   | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 |
|   | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 6 |
|   | 3           | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 |
|   | 5           | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |

**\*TOTALS****Alimentary System**

|             |   |   |
|-------------|---|---|
| Gallbladder | + | 1 |
| Liver       | + | 3 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|
| Preputial Gland | + | + | + | + | + | 4 |
|-----------------|---|---|---|---|---|---|

**Hematopoietic System**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Lymph Node             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 4 |
| Lymph Node, Mandibular | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3 |
| Lymph Node, Mesenteric |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3 |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |

**Integumentary System**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Control | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

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| <b>SKH-1/NCTR Mouse Male<br/>CTLCREAMNO SSL</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 3                  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   | 6                  | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 6 |   |
|   | 3                  | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 4 | 4 | 4 | 5 | 5 |   |

**\*TOTALS**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Site of Application | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

**MUSCULOSKELETAL System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

Alveolar/Bronchiolar Adenoma

|                              |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Alveolar/Bronchiolar Adenoma | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

**SPECIAL SENSES System**

Lacrimal Gland

|                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |   |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|
| Lacrimal Gland |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |  | 1 |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|

**URINARY System**

Urethra

|         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Urethra |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

**SYSTEMIC LESIONS**

Multiple Organ

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

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X ..Lesion present

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CAS Number: HYDROXGLYSAL

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First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>4% AHA NO SSL | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |             | 6 | 6 | 8 | 8 | 6 | 6 | 6 | 4 | 6 | 6 | 0 | 6 | 6 | 4 | 6 | 6 | 6 | 6 | 6 |
|  |             | 3 | 3 | 2 | 2 | 5 | 5 | 3 | 7 | 5 | 5 | 7 | 5 | 3 | 0 | 4 | 4 | 4 | 5 | 5 |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  |             | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  |             | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * |

\*TOTALS

**Alimentary System**

|                        |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Liver                  | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| Hepatocellular Adenoma | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|-----------------|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Preputial Gland |  | + |  | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|-----------------|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

**Hematopoietic System**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymph Node             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Lymph Node, Mandibular |   |   | + | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4  |
| Lymph Node, Mesenteric |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |

**Integumentary System**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Control | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

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|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |   |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |   |
|  |             | 6 | 6 | 8 | 8 | 6 | 6 | 6 | 4 | 6 | 6 | 0 | 6 | 6 | 4 | 6 | 6 | 6 | 6  |   |
|  |             | 3 | 3 | 2 | 2 | 5 | 5 | 3 | 7 | 5 | 5 | 7 | 5 | 3 | 0 | 4 | 4 | 4 | 5  | 5 |
| ANIMAL ID                              |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |   |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |   |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  |   |
|  |             | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1  |   |
|  |             | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0  |   |
| *TOTALS                                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Skin, Site Of Application              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| <b>MUSCULOSKELETAL SYSTEM</b>          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Skeletal Muscle                        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |   |
| <b>NERVOUS SYSTEM</b>                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| NONE                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| <b>RESPIRATORY SYSTEM</b>              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Lung                                   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Alveolar/Bronchiolar Adenoma           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |
| <b>SPECIAL SENSES SYSTEM</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Eye                                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | +  | 1 |
| <b>URINARY SYSTEM</b>                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| NONE                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| <b>SYSTEMIC LESIONS</b>                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Multiple Organ                         |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

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Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:27

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>10% AHA NO SSL</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID   | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>*TOTALS</b>  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                        |   |   |  |   |   |   |  |   |
|------------------------|---|---|--|---|---|---|--|---|
| Liver                  | + | + |  | + |   | + |  | 4 |
| Hepatocellular Adenoma |   |   |  |   | X |   |  | 1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Preputial Gland

+ 1

**Hematopoietic System**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymph Node             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Lymph Node, Mandibular | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4  |
| Lymph Node, Mesenteric |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |

**Integumentary System**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Control | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:27

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>10% AHA NO SSL | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|   |             | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |
|   |             | 6 | 6 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6  |
|   |             | 3 | 3 | 5 | 4 | 5 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5  |
| ANIMAL ID                               |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|   |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  |
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2  |
|   |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  |
| *TOTALS                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Skin, Site of Application               |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| <b>Musculoskeletal System</b>           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| NONE                                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| <b>Nervous System</b>                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| NONE                                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| <b>Respiratory System</b>               |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Lung                                    |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Alveolar/Bronchiolar Adenoma            |             |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |
| <b>Special Senses System</b>            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Eye                                     |             |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   | 1  |
| <b>Urinary System</b>                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Urethra                                 |             |   |   |   |   |   |   | + |   |   |   |   |   |   |   | + |   |   | 2  |
| <b>SYSTEMIC LESIONS</b>                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Multiple Organ                          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)****Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)**CAS Number:** HYDROXGLYSAL**Date Report Requested:** 10/19/2014**Time Report Requested:** 12:44:27**First Dose M/F:** NA / NA**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male<br/>2% BHA NO SSL</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | ANIMAL ID          | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |                    | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|  |                    | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 |
|  |                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**\*TOTALS****Alimentary System**

|                 |   |   |   |   |
|-----------------|---|---|---|---|
| Liver           | + | + |   | 2 |
| Pancreas        |   |   | + | 1 |
| Salivary Glands |   | + |   | 1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |   |   |  |   |
|-----------------|---|---|--|---|
| Preputial Gland | + | + |  | 2 |
|-----------------|---|---|--|---|

**Hematopoietic System**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymph Node             |   |   |   |   |   |   | + |   | + | + | + | + | + |   |   |   |   | 5  |
| Lymph Node, Mandibular |   |   | + |   | + |   |   |   | + |   |   |   | + |   |   |   |   | 4  |
| Lymph Node, Mesenteric |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   | 1  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Thymus                 |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   | 1  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:27

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male<br/>2% BHA NO SSL</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | ANIMAL ID          | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |                    | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|  |                    | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 |
|  |                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**\*TOTALS****Integumentary System**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Control             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Skin, Site Of Application | + | + | + |   | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

**Special Senses System**

Eye

|     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Eye | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

**Urinary System**

|         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |   |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|
| Urethra |  |  |  |  |  |  |  |  |  |  |  |  |  | + | + | + | + | 3 |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|

**SYSTEMIC LESIONS**

|                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymphoma Malignant |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | 1  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:27

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male<br/>4% BHA NO SSL</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | ANIMAL ID          | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 |
|  |                    | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|  |                    | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 |
|  |                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Preputial Gland

+

2

**Hematopoietic System**

Bone Marrow

+

17

Lymph Node

+

3

Lymph Node, Mandibular

+

3

Lymph Node, Mesenteric

+

4

Spleen

+

17

**Integumentary System**

Skin, Control

+

18

Skin, Site Of Application

+

18

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:27

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>4% BHA NO SSL</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | ANIMAL ID   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 |
|  |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|  |             | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 2 |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\*TOTALS

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung

+

17

Alveolar/Bronchiolar Adenoma

X X

2

**Special Senses System**

NONE

**Urinary System**

Urethra

+

1

**SYSTEMIC LESIONS**

Multiple Organ

+

18

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

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CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:27

First Dose M/F: NA / NA

Lab: NCTR

|                       |  | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                       |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                       |  | 2           | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                       |  | 8           | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|                       |  | 7           | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 7 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 4 | 4 |
| SKH-1/NCTR Mouse Male |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NO CREAM0.3 MED       |  | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                       |  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|                       |  | 8           | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 9 | 9 | 9 | 9 | 9 | 0 |
|                       |  | 3           | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |

## Alimentary System

Liver

+

## Cardiovascular System

NONE

## Endocrine System

NONE

## General Body System

NONE

## Genital System

Preputial Gland

+

+ +

Seminal Vesicle

+

## Hematopoietic System

Bone Marrow

+ +

Lymph Node

+ +

Lymph Node, Mandibular

+ +

Lymph Node, Mesenteric

+ +

Spleen

+ +

Thymus

+ +

## Integumentary System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:28

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.3 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|--|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|  | ANIMAL ID          | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 3 | 3 |  |
|  |                    | 8 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 6 | 6 |  |
|  |                    | 7 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 7 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 2 | 3 | 8 | 4 |  |
|  |                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Skin, Control  |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Skin, Site of Application                              |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Carcinoma In Situ                                      |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |
| Carcinoma In Situ, Four                                |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |
| Carcinoma In Situ, Two                                 |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |
| Squamous Cell Carcinoma                                |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |
| Squamous Cell Papilloma                                |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |
| Squamous Cell Papilloma, Two                           |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |
| <b>Musculoskeletal System</b>                          |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| NONE   |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| <b>Nervous System</b>                                  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| NONE   |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| <b>Respiratory System</b>                              |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lung   |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Alveolar/Bronchiolar Adenoma                           |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |  |
| <b>Special Senses System</b>                           |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Eye  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |  |
| <b>Urinary System</b>                                  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |  |
| Urethra  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:28

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.3 MED</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 2           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 3 |
|  | 8           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 6 |
|  | 7           | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 7 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 2 | 3 | 8 | 4 |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
|  | 8           | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
|  | 3           | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

**SYSTEMIC LESIONS**

Multiple Organ

+ +

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:28

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.3 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 |
|--|--------------------|---|---|---|---|---|
|  |                    | 3 | 3 | 3 | 3 | 3 |
|  |                    | 6 | 6 | 6 | 6 | 6 |
|  |                    | 3 | 5 | 5 | 5 | 5 |
|  | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 |
|  |                    | 3 | 3 | 3 | 3 | 3 |
|  |                    | 3 | 3 | 3 | 3 | 3 |
|  |                    | 0 | 0 | 0 | 0 | 0 |
|  |                    | 4 | 5 | 6 | 7 | 8 |

**\*TOTALS**

**Alimentary System**

Liver

1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Preputial Gland

3

Seminal Vesicle

1

**Hematopoietic System**

Bone Marrow

++ + + +

36

Lymph Node

+

15

Lymph Node, Mandibular

+

8

Lymph Node, Mesenteric

4

Spleen

++ + + +

36

Thymus

2

**Integumentary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:28

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.3 MED</b> | DAY ON TEST |                |   |   |   |   |
|--|-------------|----------------|---|---|---|---|
|  |             | 0              | 0 | 0 | 0 | 0 |
|  |             | 3              | 3 | 3 | 3 | 3 |
|  |             | 6              | 6 | 6 | 6 | 6 |
|  |             | 3              | 5 | 5 | 5 | 5 |
|  | ANIMAL ID   | 0              | 0 | 0 | 0 | 0 |
|  |             | 3              | 3 | 3 | 3 | 3 |
|  |             | 3              | 3 | 3 | 3 | 3 |
|  |             | 0              | 0 | 0 | 0 | 0 |
|  |             | 4              | 5 | 6 | 7 | 8 |
|  |             | <b>*TOTALS</b> |   |   |   |   |
| Skin, Control  |             | +              | + | + | + | + |
| Skin, Site of Application                              |             | +              | + | + | + | + |
| Carcinoma In Situ                                      |             |                |   |   |   | 2 |
| Carcinoma In Situ, Four                                |             |                |   |   |   | 1 |
| Carcinoma In Situ, Two                                 | X           |                |   |   |   | 1 |
| Squamous Cell Carcinoma                                |             |                |   |   |   | 1 |
| Squamous Cell Papilloma                                |             |                |   |   |   | 2 |
| Squamous Cell Papilloma, Two                           |             |                |   |   |   | 1 |

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung

+

+

+

+

+

36

Alveolar/Bronchiolar Adenoma

X

X

3

**Special Senses System**

Eye

2

**Urinary System**

Urethra

4

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:28

**First Dose M/F:** NA / NA

**Lab:** NCTR

| SKH-1/NCTR Mouse Male<br>NO CREAM0.3 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 |
|--|-------------|---|---|---|---|---|
|  |             | 3 | 3 | 3 | 3 | 3 |
|  |             | 6 | 6 | 6 | 6 | 6 |
|  |             | 3 | 5 | 5 | 5 | 5 |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 |
|  |             | 3 | 3 | 3 | 3 | 3 |
|  |             | 3 | 3 | 3 | 3 | 3 |
|  |             | 0 | 0 | 0 | 0 | 0 |
|  |             | 4 | 5 | 6 | 7 | 8 |

\*TOTALS

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + +

36

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:28

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>CTLCREAM0.3 MED</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
|  | ANIMAL ID   | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 2       |
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|  | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3       |
|  | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2       |
| 0  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1       |
| 1  | 2           | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | *TOTALS |

**Alimentary System**

|                        |   |   |   |   |
|------------------------|---|---|---|---|
| Liver                  | + | + | + | 3 |
| Hepatocellular Adenoma | X | X |   | 2 |
| Pancreas               |   | + |   | 1 |

**Cardiovascular System**

|       |  |   |   |
|-------|--|---|---|
| Heart |  | + | 1 |
|-------|--|---|---|

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |   |   |   |
|-----------------|---|---|---|
| Preputial Gland | + | + | 3 |
| Seminal Vesicle |   |   | 1 |

**Hematopoietic System**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymph Node             | + | + | + |   | + |   | + | + | + | + | + |   | + |   | + |   | 10 |
| Lymph Node, Mandibular | + |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   | 3  |
| Lymph Node, Mesenteric |   | M |   |   |   |   | + |   |   | + |   |   |   |   |   |   | 2  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:28

**First Dose M/F:** NA / NA

**Lab:** NCTR

| SKH-1/NCTR Mouse Male<br>CTLCREAM0.3 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |             | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 2 |
|  |             | 6 | 6 | 6 | 6 | 4 | 0 | 6 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 3 |
|  |             | 3 | 3 | 4 | 4 | 0 | 7 | 3 | 3 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 9 |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID                                |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3  | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 2  | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 0  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1  | 2           | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | * |
| *TOTALS                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Thymus + 1

**Integumentary System**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Control                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Carcinoma In Situ            |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |   | 2  |
| Skin, Site of Application    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Carcinoma In Situ            |   | X | X |   | X |   |   |   |   |   |   | X | X |   |   |   |   | 5  |
| Carcinoma In Situ, > Five    |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | 1  |
| Carcinoma In Situ, Four      |   |   |   |   | X |   |   |   |   |   | X |   |   |   |   |   |   | 2  |
| Carcinoma In Situ, Two       |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Squamous Cell Carcinoma      |   |   |   |   |   | X |   |   |   |   |   | X |   |   |   |   |   | 3  |
| Squamous Cell Carcinoma, Two |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Squamous Cell Papilloma      |   |   |   |   | X |   |   |   |   |   |   | X |   |   |   |   |   | 2  |
| Squamous Cell Papilloma, Two |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | 1  |

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Alveolar/Bronchiolar Adenoma |   | X |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   | 3  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:28

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>CTLCREAM0.3 MED | DAY ON TEST | 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |             | 3         | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 2 |
|  |             | 6         | 6 | 6 | 6 | 4 | 0 | 6 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 6 | 3 |
|  |             | 3         | 3 | 4 | 4 | 0 | 7 | 3 | 3 | 5 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 9 |
|  |             | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 3         | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |             | 2         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  |             | 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  |             | 1         | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

**\*TOTALS****Special Senses System**

Eye

Harderian Gland

+

+

1

**Urinary System**

Urethra

Urinary Bladder

+

+

2

+

1

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + + + + + + + + + + +

18

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue



Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:28

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>4% AHA 0.3 MED</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 |
|   |             | 6 | 6 | 6 | 6 | 3 | 6 | 0 | 6 | 6 | 6 | 6 | 1 | 1 | 6 | 6 | 6 | 6 |
|   |             | 3 | 3 | 4 | 4 | 2 | 5 | 2 | 3 | 4 | 4 | 5 | 5 | 9 | 8 | 5 | 5 | 5 |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\*TOTALS

**Integumentary System**

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Skin, Control                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Carcinoma In Situ              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |
| Skin, Site Of Application      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Carcinoma In Situ              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 2 |
| Carcinoma In Situ, Five        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |
| Carcinoma In Situ, Four        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |
| Carcinoma In Situ, Three       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 3 |
| Carcinoma In Situ, Two         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 2 |
| Squamous Cell Carcinoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |
| Squamous Cell Carcinoma, Three |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |
| Squamous Cell Carcinoma, Two   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |
| Squamous Cell Papilloma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 6 |
| Squamous Cell Papilloma, Five  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 1 |

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Lung                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Alveolar/Bronchiolar Adenoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X  | 2 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:28

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>4% AHA 0.3 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|   | ANIMAL ID   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3  |
|   |             | 6 | 6 | 6 | 6 | 3 | 6 | 0 | 6 | 6 | 6 | 6 | 1 | 1 | 6 | 6 | 6 | 6  |
|   |             | 3 | 3 | 4 | 4 | 2 | 5 | 2 | 3 | 4 | 4 | 5 | 5 | 9 | 8 | 5 | 5 | 5  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| Alveolar/Bronchiolar Adenoma            |             |   |   |   |   |   |   | X |   |   |   |   | X |   |   |   |   | 2  |
| Special Senses System                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Eye                                     |             |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   | 1  |
| Urinary System                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Kidney                                  |             |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   | 1  |
| Urethra                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Urinary Bladder                         |             |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   | 1  |
| SYSTEMIC LESIONS                        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Multiple Organ                          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymphoma Malignant                      |             |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:28

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>10% AHA 0.3 MED</b> | DAY ON TEST    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|--|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | ANIMAL ID      | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
|  | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|  | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|  | 2              | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|  | 3              | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |   |
|  | 7              | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |   |
|  | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

Esophagus

+

1

Liver

+

1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Penis

+

1

Preputial Gland

+ + + +

4

**Hematopoietic System**

Bone Marrow

+ + + + + + + + + + + + + + + + + +

18

Lymph Node

+ + + + + + + + + + + + + + + + + +

10

Lymph Node, Mandibular

+ + + + + + + + + + + + + + + + + +

5

Lymph Node, Mesenteric

+ + + + + + + + + + + + + + + + + +

3

Spleen

+ + + + + + + + + + + + + + + + + +

18

**Integumentary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

Date Report Requested: 10/19/2014  
 Time Report Requested: 12:44:29  
 First Dose M/F: NA / NA  
 Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>10% AHA 0.3 MED</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
|  | ANIMAL ID   | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2  | 2 |
|  |             | 6 | 6 | 3 | 0 | 4 | 6 | 6 | 6 | 1 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 8  |   |
|  |             | 3 | 3 | 5 | 7 | 6 | 5 | 3 | 3 | 8 | 0 | 5 | 5 | 3 | 3 | 4 | 4 | 7 | 2  |   |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |   |
| Skin, Control  |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Skin, Site of Application                              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Basal Cell Carcinoma                                   |             |   |   |   |   |   |   |   |   |   | X |   | X |   |   |   |   |   | 2  |   |
| Carcinoma In Situ                                      |             | X |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |   |
| Carcinoma In Situ, > Five                              |             |   |   |   |   |   |   |   | X |   |   | X |   |   |   |   |   |   | 2  |   |
| Carcinoma In Situ, Five                                |             |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |   |
| Carcinoma In Situ, Four                                |             |   |   |   |   |   |   |   |   |   | X |   |   | X |   |   |   |   | 2  |   |
| Carcinoma In Situ, Two                                 |             |   | X |   |   | X |   |   |   |   |   | X |   |   |   |   |   |   | 3  |   |
| Squamous Cell Carcinoma                                |             |   |   | X |   |   |   |   |   |   |   | X |   | X | X |   |   |   | 4  |   |
| Squamous Cell Carcinoma, Five                          |             |   |   |   |   |   | X |   |   |   |   | X |   |   |   |   |   |   | 1  |   |
| Squamous Cell Carcinoma, Three                         |             |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   | 2  |   |
| Squamous Cell Carcinoma, Two                           |             |   |   |   | X |   |   |   |   | X |   |   | X |   |   |   |   |   | 2  |   |
| Squamous Cell Papilloma                                |             |   |   |   |   | X |   |   |   |   |   | X |   |   |   |   |   |   | 2  |   |
| Squamous Cell Papilloma, Two                           |             |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |   |
| <b>Musculoskeletal System</b>                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| <b>Nervous System</b>                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| <b>Respiratory System</b>                              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Lung   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Alveolar/Bronchiolar Adenoma                           |             |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   | 1  |   |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:29

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>10% AHA 0.3 MED</b> | DAY ON TEST    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|--|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | ANIMAL ID      | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
|  | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|  | 3              | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|  | 2              | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|  | 3              | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |   |
|  | 7              | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |   |
|  | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Special Senses System**

Ear

+ 1

**Urinary System**

Kidney

4

Urethra

2

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + + + + + + + + + + + 18

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:29

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>2% BHA 0.3 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |             | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 0 | 2 | 3 | 3 | 3 | 3 | 3 |
|   |             | 6 | 6 | 6 | 0 | 6 | 6 | 6 | 6 | 5 | 6 | 2 | 7 | 6 | 6 | 6 | 6 | 6 |
|   |             | 3 | 3 | 3 | 0 | 4 | 5 | 5 | 3 | 3 | 8 | 6 | 5 | 6 | 6 | 4 | 4 | 5 |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *TOTALS                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

## Alimentary System

|                        |   |   |   |   |
|------------------------|---|---|---|---|
| Liver                  | + | + | + | 3 |
| Hepatocellular Adenoma |   | X |   | 1 |
| Pancreas               | + |   |   | 1 |

## Cardiovascular System

NONE

## Endocrine System

NONE

## General Body System

NONE

## Genital System

|                 |   |   |   |   |
|-----------------|---|---|---|---|
| Preputial Gland | + | + | + | 3 |
|-----------------|---|---|---|---|

## Hematopoietic System

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Bone Marrow  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Lymph Node   | + |   |   |   | + |   |   |   | + | + |   |   |   |   |   |   | 4  |   |
| Axillary, Squamous Cell Carcinoma,<br>Metastatic, Skin |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 |
| Lymph Node, Mandibular                                 | + | + |   |   |   | + |   |   | + |   |   | + |   |   |   |   | 5  |   |
| Lymph Node, Mesenteric                                 |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |    | 1 |
| Spleen   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:29

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male<br/>2% BHA 0.3 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID          | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 0 | 2 | 3 | 3 | 3 | 3 | 3 |
|   | 6                  | 6 | 6 | 0 | 6 | 6 | 6 | 6 | 1 | 5 | 6 | 2 | 7 | 6 | 6 | 6 | 6 | 6 |
|   | 3                  | 3 | 0 | 4 | 5 | 5 | 3 | 3 | 8 | 6 | 5 | 6 | 6 | 3 | 4 | 4 | 5 | 5 |
|   | 0                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**\*TOTALS****Integumentary System**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Control                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Skin, Site Of Application    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Carcinoma In Situ            |   |   |   |   |   |   |   |   | X | X |   |   |   | X |   |   |   | 3  |
| Carcinoma In Situ, Two       |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Squamous Cell Carcinoma      |   |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   | 2  |
| Squamous Cell Carcinoma, Two |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Squamous Cell Papilloma      |   |   |   |   |   |   | X | X |   |   |   |   | X |   |   |   |   | 3  |

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

**Special Senses System**

NONE

**Urinary System**

|         |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|---------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Urethra | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|---------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

**SYSTEMIC LESIONS**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:29

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>2% BHA 0.3 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
|   | ANIMAL ID   | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 0 | 2 | 3 | 3 | 3 | 3  | 3 |
|   |             | 6 | 6 | 6 | 0 | 6 | 6 | 6 | 6 | 1 | 5 | 6 | 2 | 7 | 6 | 6 | 6 | 6  | 6 |
|   |             | 3 | 3 | 0 | 4 | 5 | 5 | 3 | 3 | 8 | 6 | 5 | 6 | 6 | 3 | 4 | 4 | 5  | 5 |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 |
| Multiple Organ                          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Lymphoma Malignant                      |             |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |   |

\*TOTALS

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:29

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male<br/>4% BHA 0.3 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |                    | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   |                    | 6 | 6 | 6 | 2 | 6 | 6 | 3 | 6 | 6 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|   |                    | 3 | 3 | 4 | 3 | 5 | 5 | 6 | 3 | 5 | 5 | 6 | 5 | 3 | 3 | 4 | 4 | 5 |
|   | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>*TOTALS</b>                                  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

Mesentery

+

1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Preputial Gland

+

+

2

**Hematopoietic System**

Bone Marrow

+ + + + + + + + + + + + + + + + + +

18

Lymph Node

+ + + + + + + + + + + + + + + + + +

9

Inguinal, Squamous Cell Carcinoma,  
Metastatic, Skin

X

1

Lymph Node, Mandibular

+

+

+

3

Lymph Node, Mesenteric

+

+ +

3

Spleen

+ + + + + + + + + + + + + + + + + +

18

**Integumentary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue



Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:29

First Dose M/F: NA / NA

Lab: NCTR

**SKH-1/NCTR Mouse Male**  
**NO CREAM0.6 MED**

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANIMAL ID   | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
|             | 3 | 3 | 2 | 4 | 2 | 0 | 6 | 9 | 8 | 2 | 9 | 9 | 2 | 8 | 9 | 1 | 1 | 9 | 4 | 0 | 6 | 0 | 0 | 4 | 1 |
|             | 9 | 2 | 4 | 6 | 4 | 6 | 8 | 6 | 5 | 5 | 6 | 6 | 5 | 2 | 7 | 1 | 1 | 7 | 6 | 4 | 4 | 3 | 1 | 0 | 8 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
|             | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
|             | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |

**Alimentary System**

Liver

+        +

Mesentery

+

**Cardiovascular System**

Heart

+

**Endocrine System**

NONE

**General Body System**

Tissue NOS

+

**Genital System**

Preputial Gland

+    +

+

Seminal Vesicle

+

+    +    +

+

**Hematopoietic System**

Bone Marrow

+    +

Lymph Node

+    +

Lymph Node, Mandibular

+    +

Lymph Node, Mesenteric

+    +

Spleen

+    +

Thymus

+    +

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue



Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)****Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)**Date Report Requested:** 10/19/2014**Time Report Requested:** 12:44:30**First Dose M/F:** NA / NA**Lab:** NCTR

| SKH-1/NCTR Mouse Male<br>NO CREAM0.6 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3           | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 |
|  | 3           | 3 | 2 | 4 | 2 | 0 | 6 | 9 | 8 | 2 | 9 | 9 | 2 | 8 | 9 | 1 | 1 | 9 | 4 | 0 | 6 | 0 | 0 | 4 | 1 | 6 | 9 | 2 |
|  | 9           | 2 | 4 | 6 | 4 | 6 | 8 | 6 | 5 | 5 | 6 | 6 | 5 | 2 | 7 | 1 | 1 | 7 | 6 | 4 | 4 | 3 | 1 | 0 | 8 | 3 | 6 | 5 |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |             | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
|  |             | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

Kidney

+

Urethra

+

**SYSTEMIC LESIONS**

Multiple Organ

+ +

Lymphoma Malignant

X

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:30

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.6 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 |
|--|--------------------|---|---|---|---|---|
|  |                    | 2 | 3 | 2 | 3 | 3 |
|  |                    | 8 | 3 | 8 | 6 | 1 |
|  |                    | 9 | 2 | 9 | 5 | 8 |
|  | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 |
|  |                    | 3 | 3 | 3 | 3 | 3 |
|  |                    | 4 | 4 | 4 | 4 | 4 |
|  |                    | 3 | 3 | 3 | 3 | 3 |
|  |                    | 0 | 1 | 2 | 3 | 4 |

**\*TOTALS**

**Alimentary System**

|           |   |
|-----------|---|
| Liver     | 2 |
| Mesentery | 1 |

**Cardiovascular System**

|       |   |
|-------|---|
| Heart | 1 |
|-------|---|

**Endocrine System**

NONE

**General Body System**

|            |   |
|------------|---|
| Tissue NOS | 1 |
|------------|---|

**Genital System**

|                 |   |
|-----------------|---|
| Preputial Gland | 3 |
| Seminal Vesicle | 5 |

**Hematopoietic System**

|                        |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | 36 |
| Lymph Node             | + | + | + |   | + | 28 |
| Lymph Node, Mandibular |   |   |   |   | + | 11 |
| Lymph Node, Mesenteric |   |   |   |   |   | 1  |
| Spleen                 | + | + | + | + | + | 36 |
| Thymus                 |   |   |   |   |   | 1  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:30

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.6 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 |
|--|--------------------|---|---|---|---|---|
|  |                    | 2 | 3 | 2 | 3 | 3 |
|  |                    | 8 | 3 | 8 | 6 | 1 |
|  |                    | 9 | 2 | 9 | 5 | 8 |
|  | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 |
|  |                    | 3 | 3 | 3 | 3 | 3 |
|  |                    | 4 | 4 | 4 | 4 | 4 |
|  |                    | 3 | 3 | 3 | 3 | 3 |
|  |                    | 0 | 1 | 2 | 3 | 4 |

**\*TOTALS**

**Integumentary System**

|                                |   |   |   |   |   |    |
|--------------------------------|---|---|---|---|---|----|
| Skin, Control                  | + | + | + | + | + | 36 |
| Skin, Site of Application      | + | + | + | + | + | 36 |
| Carcinoma In Situ              | X |   |   |   |   | 5  |
| Carcinoma In Situ, Three       |   |   |   |   |   | 2  |
| Carcinoma In Situ, Two         |   |   | X | X |   | 6  |
| Squamous Cell Carcinoma        | X |   |   |   |   | 20 |
| Squamous Cell Carcinoma, Three |   | X |   |   |   | 1  |
| Squamous Cell Carcinoma, Two   | X |   | X | X |   | 7  |

**Musculoskeletal System**

|                 |  |  |  |  |  |   |
|-----------------|--|--|--|--|--|---|
| Skeletal Muscle |  |  |  |  |  | 1 |
|-----------------|--|--|--|--|--|---|

**Nervous System**

NONE

**Respiratory System**

|                              |   |   |   |   |   |    |
|------------------------------|---|---|---|---|---|----|
| Lung                         | + | + | + | + | + | 36 |
| Alveolar/Bronchiolar Adenoma |   |   |   |   |   | 3  |

**Special Senses System**

|     |  |  |  |  |  |   |
|-----|--|--|--|--|--|---|
| Eye |  |  |  |  |  | 2 |
|-----|--|--|--|--|--|---|

**Urinary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:30

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.6 MED</b> | <b>DAY ON TEST</b> | 0              | 0 | 0 | 0 | 0  |
|--|--------------------|----------------|---|---|---|----|
|  |                    | 2              | 3 | 2 | 3 | 3  |
|  |                    | 8              | 3 | 8 | 6 | 1  |
|  |                    | 9              | 2 | 9 | 5 | 8  |
|  | <b>ANIMAL ID</b>   | 0              | 0 | 0 | 0 | 0  |
|  |                    | 3              | 3 | 3 | 3 | 3  |
|  |                    | 4              | 4 | 4 | 4 | 4  |
|  |                    | 3              | 3 | 3 | 3 | 3  |
|  |                    | 0              | 1 | 2 | 3 | 4  |
|  |                    | <b>*TOTALS</b> |   |   |   |    |
| Kidney   |                    |                |   |   |   | 1  |
| Urethra  |                    |                |   |   |   | 1  |
| <b>SYSTEMIC LESIONS</b>                                |                    |                |   |   |   |    |
| Multiple Organ   |                    | +              | + | + | + | +  |
| Lymphoma Malignant                                     |                    |                |   |   |   | 36 |
|  |                    |                |   |   |   | 1  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)****Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)**CAS Number:** HYDROXGLYSAL**Date Report Requested:** 10/19/2014**Time Report Requested:** 12:44:30**First Dose M/F:** NA / NA**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>CTLCREAM0.6 MED</b> | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 |
|  |             | 3 | 9 | 1 | 1 | 1 | 1 | 9 | 0 | 6 | 1 | 1 | 0 | 0 | 8 | 6 | 8 | 8 | 3 |
|  |             | 2 | 6 | 7 | 7 | 7 | 7 | 6 | 4 | 1 | 4 | 4 | 4 | 7 | 9 | 8 | 9 | 2 | 2 |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|  |             | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
|  |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |

**\*TOTALS****Alimentary System**

Liver

+

2

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Bone Marrow

+ + + + + + + + + + + + + + + + + + 18

Lymph Node

+ + + + + + + + + + + + + + + + + + 18

Lymph Node, Mandibular

+ + + + + + + + + + + + + + + + + + 7

Spleen

+ + + + + + + + + + + + + + + + + + 18

**Integumentary System**

Skin, Control

+ + + + + + + + + + + + + + + + + + 18

Carcinoma In Situ

X 1

Skin, Site of Application

+ + + + + + + + + + + + + + + + + + 18

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>CTLCREAM0.6 MED</b> | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|  |             | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3  |
|  |             | 3 | 9 | 1 | 1 | 1 | 1 | 9 | 0 | 6 | 1 | 1 | 0 | 0 | 8 | 6 | 8 | 8 | 3  |
|  |             | 2 | 6 | 7 | 7 | 7 | 7 | 6 | 4 | 1 | 4 | 4 | 4 | 7 | 9 | 8 | 9 | 2 | 2  |
| Carcinoma In Situ                                      | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |
|  |             | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4  |
|  |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4  |
| <b>*TOTALS</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Carcinoma In Situ                                      |             |   |   | X | X |   |   | X |   |   |   |   |   |   | X |   |   |   | 4  |
| Carcinoma In Situ, > Five                              |             |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | 1  |
| Carcinoma In Situ, Five                                |             | X |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   | 3  |
| Carcinoma In Situ, Three                               |             |   | X | X |   |   |   |   |   |   |   |   |   |   | X |   |   |   | 3  |
| Carcinoma In Situ, Two                                 |             |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Squamous Cell Carcinoma                                | X           | X |   |   | X |   | X | X |   |   | X |   |   |   |   |   |   |   | 7  |
| Squamous Cell Carcinoma, Four                          |             |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Squamous Cell Carcinoma, Three                         | X           |   | X |   |   |   | X |   | X | X |   | X |   |   | X |   |   |   | 5  |
| Squamous Cell Carcinoma, Two                           |             |   |   |   | X |   |   |   | X | X |   | X |   |   |   |   |   |   | 4  |
| Squamous Cell Papilloma                                | X           |   | X |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   | 4  |
| <b>Musculoskeletal System</b>                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| <b>Nervous System</b>                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| <b>Respiratory System</b>                              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Lung   | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| <b>Special Senses System</b>                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| <b>Urinary System</b>                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Kidney   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
|  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>CTLCREAM0.6 MED | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|  |             | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3       |
|  |             | 3 | 9 | 1 | 1 | 1 | 1 | 9 | 0 | 6 | 1 | 1 | 0 | 0 | 8 | 6 | 8 | 8 | 3       |
|  |             | 2 | 6 | 7 | 7 | 7 | 7 | 6 | 4 | 1 | 4 | 4 | 4 | 7 | 9 | 8 | 9 | 2 | 2       |
| ANIMAL ID                                |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3       |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3       |
|  |             | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4       |
|  |             | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4       |
|  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | *TOTALS |

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + + + + + + + + + + +

18

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>4% AHA 0.6 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |             | 3 | 3 | 1 | 2 | 3 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 |
|   |             | 3 | 2 | 5 | 6 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 2 | 0 | 8 | 2 | 2 | 6 |
|   |             | 2 | 5 | 3 | 8 | 7 | 2 | 0 | 1 | 0 | 9 | 1 | 7 | 2 | 9 | 0 | 8 | 1 |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *TOTALS                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

## Alimentary System

|          |   |   |   |
|----------|---|---|---|
| Liver    | + | + | 2 |
| Pancreas | + |   | 1 |

## Cardiovascular System

NONE

## Endocrine System

NONE

## General Body System

NONE

## Genital System

|                 |   |   |
|-----------------|---|---|
| Penis           | + | 1 |
| Preputial Gland |   | 2 |

## Hematopoietic System

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 17 |
| Lymph Node             | + | + |   | + | + | + | + | + | + | + | + |   | + | + | + | + | + | 13 |
| Lymph Node, Mandibular | + |   |   | + | + |   | + | + | + |   |   |   | + | + |   |   |   | 8  |
| Lymph Node, Mesenteric |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 17 |

## Integumentary System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male<br/>4% AHA 0.6 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID          | 3 | 3 | 1 | 2 | 3 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 1 |
|   |                    | 3 | 2 | 5 | 6 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 2 | 0 | 8 | 2 | 2 | 6 | 1 |
|   |                    | 2 | 5 | 3 | 8 | 7 | 2 | 0 | 1 | 0 | 9 | 1 | 7 | 2 | 9 | 0 | 8 | 1 | 3 |
|   |                    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Skin, Control                                   |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Skin, Site of Application                       |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Carcinoma In Situ                               | X                  |   | X | X | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma In Situ, > Five                       |                    |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma In Situ, Four                         |                    |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma In Situ, Three                        |                    |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma In Situ, Two                          |                    |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Squamous Cell Carcinoma                         | X                  | X |   |   |   |   |   |   |   |   |   | X | X | X | X | X |   |   |   |
| Squamous Cell Carcinoma, > Five                 |                    |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |
| Squamous Cell Carcinoma, Four                   |                    |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Squamous Cell Carcinoma, Three                  |                    |   |   |   | X | X |   |   | X |   |   |   |   |   |   |   |   |   |   |
| Squamous Cell Carcinoma, Two                    |                    |   |   |   |   |   |   |   | X |   | X |   |   | X |   |   |   |   |   |
| Squamous Cell Papilloma                         |                    |   |   |   |   | X |   |   |   | X |   |   |   |   |   |   |   |   |   |
| <b>Musculoskeletal System</b>                   |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| NONE  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <b>Nervous System</b>                           |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| NONE  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <b>Respiratory System</b>                       |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lung  |                    | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |   |
| <b>Special Senses System</b>                    |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eye   |                    |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>4% AHA 0.6 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|   | ANIMAL ID   | 3 | 3 | 1 | 2 | 3 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3  |
|   |             | 3 | 2 | 5 | 6 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 2 | 0 | 8 | 2 | 6 | 1  |
|   |             | 2 | 5 | 3 | 8 | 7 | 2 | 0 | 1 | 0 | 9 | 1 | 7 | 2 | 9 | 0 | 8 | 1  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
| Eye                                     |             | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Urinary System                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Kidney                                  |             |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Urethra                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| <b>SYSTEMIC LESIONS</b>                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
| Multiple Organ                          |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymphoma Malignant                      |             | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| <b>* TOTALS</b>                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>10% AHA 0.6 MED</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | ANIMAL ID   | 3 | 3 | 2 | 2 | 3 | 1 | 0 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |
|  | 4           | 7 | 8 | 2 | 5 | 9 | 2 | 9 | 1 | 0 | 1 | 5 | 0 | 2 | 0 | 0 | 9 | 2 |
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| <b>*TOTALS</b>   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
|------------------------|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Liver                  | + | + |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + | 3 |
| Hepatocellular Adenoma |   |   | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

|            |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Tissue NOS | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

**Genital System**

NONE

**Hematopoietic System**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymph Node             |   | + | + | + | + |   |   | + | + | + | + | + | + | + | + | + |   | 13 |
| Lymph Node, Mandibular |   | + | + |   | + |   |   |   |   | + | + | + |   |   |   |   |   | 6  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   | 18 |

**Integumentary System**

|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin, Control           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Squamous Cell Papilloma |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | 1  |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>10% AHA 0.6 MED</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |   |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
|  | ANIMAL ID   | 3 | 3 | 2 | 2 | 3 | 1 | 0 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2  |   |
|  |             | 5 | 1 | 6 | 8 | 2 | 6 | 0 | 8 | 6 | 6 | 6 | 7 | 9 | 8 | 9 | 9 | 8  |   |
|  |             | 4 | 7 | 8 | 2 | 5 | 9 | 2 | 9 | 1 | 0 | 1 | 5 | 0 | 2 | 0 | 0 | 9  | 2 |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |   |
| Skin, Site of Application                              |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Carcinoma In Situ                                      |             |   |   |   |   | X |   |   |   | X | X |   | X | X | X |   | X | 7  |   |
| Carcinoma In Situ, Four                                |             |   | X | X |   |   |   | X |   |   |   |   |   |   |   |   |   | 3  |   |
| Carcinoma In Situ, Two                                 |             | X |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | 2  |   |
| Squamous Cell Carcinoma                                |             | X |   |   |   |   |   | X |   |   | X |   |   |   |   |   |   | 3  |   |
| Squamous Cell Carcinoma, Three                         |             |   | X |   | X |   |   |   |   |   |   | X |   | X |   |   |   | 4  |   |
| Squamous Cell Carcinoma, Two                           |             | X |   | X |   |   |   | X | X | X | X |   | X |   | X |   |   | 8  |   |
| Squamous Cell Papilloma                                |             | X |   | X |   |   |   |   |   |   |   |   | X |   |   |   |   | 3  |   |
| <b>Musculoskeletal System</b>                          |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| <b>Nervous System</b>                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| NONE   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| <b>Respiratory System</b>                              |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Lung   |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Alveolar/Bronchiolar Adenoma                           |             |   |   |   | X |   |   |   |   |   |   |   | X |   |   |   |   | 2  |   |
| <b>Special Senses System</b>                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Ear  |             |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   | 1  |   |
| Eye  |             |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |   |
| <b>Urinary System</b>                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Kidney   |             |   |   |   |   | + |   |   |   |   |   |   |   | + |   |   |   | 2  |   |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>10% AHA 0.6 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |
|  |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |
|  |             | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8  |
| Urethra                                  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | +  |
| SYSTEMIC LESIONS                         |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Multiple Organ                           |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:30

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male<br/>2% BHA 0.6 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |                    | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 2 |   |
|   |                    | 9 | 3 | 4 | 9 | 1 | 2 | 1 | 3 | 1 | 6 | 3 | 1 | 3 | 3 | 3 | 9 | 6 | 8 |
|   |                    | 6 | 9 | 2 | 6 | 7 | 5 | 8 | 2 | 1 | 5 | 9 | 8 | 3 | 2 | 1 | 4 | 5 | 6 |
|   | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>*TOTALS</b>                                  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|          |  |   |  |  |   |  |   |
|----------|--|---|--|--|---|--|---|
| Liver    |  | + |  |  | + |  | 2 |
| Pancreas |  | + |  |  |   |  | 1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Preputial Gland

+ + 2

**Hematopoietic System**

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Lymph Node                     | + | + | + | + |   | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lumbar, Mast Cell Tumor Nos    |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 1  |
| Popliteal, Mast Cell Tumor Nos |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 1  |
| Lymph Node, Mandibular         | + |   | + | + | + |   | + |   | + |   | + | + | + |   |   |   |   | 9  |
| Spleen                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |

**Integumentary System**

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male<br/>2% BHA 0.6 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |   |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
|   |                    | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 2  |   |
|   |                    | 9 | 3 | 4 | 9 | 1 | 2 | 1 | 3 | 1 | 6 | 3 | 1 | 3 | 3 | 3 | 9 | 6  | 8 |
|   |                    | 6 | 9 | 2 | 6 | 7 | 5 | 8 | 2 | 1 | 5 | 9 | 8 | 3 | 2 | 1 | 4 | 5  | 6 |
|   | <b>ANIMAL ID</b>   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 |
| Skin, Control                                   |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Skin, Site of Application                       |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Carcinoma In Situ                               |                    |   | X | X | X |   |   |   |   |   |   | X |   |   |   |   |   | 4  |   |
| Carcinoma In Situ, > Five                       |                    |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |   |
| Carcinoma In Situ, Five                         |                    |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |   |
| Carcinoma In Situ, Four                         |                    |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |   |
| Carcinoma In Situ, Three                        |                    | X | X |   |   |   |   |   |   |   |   | X | X |   |   |   |   | 4  |   |
| Carcinoma In Situ, Two                          |                    |   |   | X | X |   |   |   |   |   |   |   |   | X | X |   |   | 4  |   |
| Squamous Cell Carcinoma                         |                    | X |   |   |   | X | X |   |   |   | X | X | X | X |   |   |   | 7  |   |
| Squamous Cell Carcinoma, > Five                 |                    |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | 1  |   |
| Squamous Cell Carcinoma, Four                   |                    |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   | 2  |   |
| Squamous Cell Carcinoma, Three                  |                    |   |   |   | X |   |   | X |   |   |   |   |   |   |   |   |   | 2  |   |
| Squamous Cell Carcinoma, Two                    |                    | X |   |   |   |   |   | X |   |   |   |   | X |   |   |   |   | 3  |   |
| Squamous Cell Papilloma                         |                    | X |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | 2  |   |
| <b>Musculoskeletal System</b>                   |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Skeletal Muscle                                 |                    |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   | 1  |   |
| <b>Nervous System</b>                           |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| NONE  |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| <b>Respiratory System</b>                       |                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |
| Lung  |                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |   |
| Alveolar/Bronchiolar Adenoma                    |                    |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |   |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>2% BHA 0.6 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 2           | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 2 |   |
|   | 9           | 3 | 4 | 9 | 1 | 2 | 1 | 3 | 1 | 6 | 3 | 1 | 3 | 3 | 3 | 9 | 6 | 8 |
|   | 6           | 9 | 2 | 6 | 7 | 5 | 8 | 2 | 1 | 5 | 9 | 8 | 3 | 2 | 1 | 4 | 5 | 6 |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\*TOTALS

Special Senses System

Eye

+ 1

Urinary System

Kidney

+ 1

Urethra

+ 1

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + + + + + + + + + + + 18

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| <b>SKH-1/NCTR Mouse Male<br/>4% BHA 0.6 MED</b> | <b>DAY ON TEST</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID          | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
|   |                    | 4 | 5 | 4 | 6 | 6 | 6 | 5 | 6 | 9 | 1 | 1 | 2 | 0 | 0 | 3 | 4 | 1 |
|   |                    | 0 | 8 | 2 | 8 | 0 | 0 | 9 | 0 | 6 | 0 | 8 | 5 | 4 | 3 | 3 | 4 | 1 |
|   |                    | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |

**\*TOTALS****Alimentary System**

|          |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|----------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Liver    | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Pancreas |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Preputial Gland

|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

**Hematopoietic System**

Bone Marrow

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

Lymph Node

|  |   |   |   |   |  |  |  |   |   |   |  |   |   |   |   |   |   |    |
|--|---|---|---|---|--|--|--|---|---|---|--|---|---|---|---|---|---|----|
|  | + | + | + | + |  |  |  | + | + | + |  | + | + | + | + | + | + | 13 |
|--|---|---|---|---|--|--|--|---|---|---|--|---|---|---|---|---|---|----|

Lymph Node, Mandibular

|  |  |   |  |  |  |  |  |   |   |  |   |   |   |   |   |   |  |   |
|--|--|---|--|--|--|--|--|---|---|--|---|---|---|---|---|---|--|---|
|  |  | + |  |  |  |  |  | + | + |  | + | + | + | + | + | + |  | 7 |
|--|--|---|--|--|--|--|--|---|---|--|---|---|---|---|---|---|--|---|

Lymph Node, Mesenteric

|  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |   |
|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|
|  |  |  |  |  |  |  |  |  | + |  |  |  |  |  |  |  |  | 1 |
|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|

Spleen

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

**Integumentary System**

Skin, Control

|   |   |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|----|
| + | + | + | + | + | + | + |  | + | + | + | + | + | + | + | + | + | + | 18 |
|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>4% BHA 0.6 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
|   |             | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3  |
|   |             | 4 | 5 | 4 | 6 | 6 | 6 | 5 | 6 | 9 | 1 | 1 | 2 | 0 | 0 | 3 | 4 | 1 | 6  |
|   |             | 0 | 8 | 2 | 8 | 0 | 0 | 9 | 0 | 6 | 0 | 8 | 5 | 4 | 3 | 3 | 4 | 1 | 5  |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |
|   |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |
| Carcinoma In Situ                       |             | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | 1  |
| Skin, Site of Application               |             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Carcinoma In Situ                       |             | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Carcinoma In Situ, Five                 |             |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |
| Carcinoma In Situ, Four                 |             |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |
| Carcinoma In Situ, Three                |             |   |   |   |   | X | X |   |   |   |   |   | X |   |   |   |   |   | 3  |
| Carcinoma In Situ, Two                  | X           |   |   |   |   |   | X | X |   |   |   | X |   | X | X | X | X | X | 7  |
| Squamous Cell Carcinoma                 | X           |   |   |   |   |   |   | X |   |   |   | X | X | X | X | X | X |   | 7  |
| Squamous Cell Carcinoma, Three          |             |   | X |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | 2  |
| Squamous Cell Carcinoma, Two            |             |   | X |   | X |   |   | X | X |   |   |   |   |   |   | X |   |   | 5  |
| Squamous Cell Papilloma                 |             |   | X |   | X | X |   |   |   |   | X |   |   |   |   |   |   |   | 4  |

## Musculoskeletal System

NONE

## Nervous System

NONE

## Respiratory System

Lung

+ + + + + + M + + + + + + + + + + + + + + + + + + +

17

Alveolar/Bronchiolar Adenoma

X

1

Alveolar/Bronchiolar Carcinoma

1

## Special Senses System

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>4% BHA 0.6 MED | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | ANIMAL ID   | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 |
|   |             | 4 | 5 | 4 | 6 | 6 | 6 | 5 | 6 | 9 | 1 | 1 | 2 | 0 | 0 | 3 | 4 | 1 | 6 |
|   |             | 0 | 8 | 2 | 8 | 0 | 0 | 9 | 0 | 6 | 0 | 8 | 5 | 4 | 3 | 3 | 4 | 1 | 5 |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

\*TOTALS

NONE

**Urinary System**

|         |   |  |  |   |   |  |   |  |  |  |  |  |  |  |  |  |  |   |
|---------|---|--|--|---|---|--|---|--|--|--|--|--|--|--|--|--|--|---|
| Kidney  | + |  |  | + |   |  |   |  |  |  |  |  |  |  |  |  |  | 3 |
| Urethra |   |  |  |   | + |  | + |  |  |  |  |  |  |  |  |  |  | 2 |

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically



Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>NO CREAM 0.9 MED | DAY ON TEST | 0           |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|-------------|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|   |             | 2 2 2 2 2 2 2 2 2 2 1 2 0 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |             | 5 3 5 5 6 3 2 7 6 8 6 0 4 6 8 2 0 8 3 1 9 4 2 6 7 6 3 3 7 3 0         |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |             | 2 2 2 2 2 2 7 2 1 4 0 3 0 5 5 3 2 9 4 3 2 7 7 6 8 3 0 9 3 2 4 5 6 7   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | ANIMAL ID   | 0           | 3 | 4 5 | 7 7 7 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 0 | 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Skin, Site Of Application

+

Carcinoma In Situ

X

Carcinoma In Situ, > Five

X

X

Carcinoma In Situ, Five

X

X X

Carcinoma In Situ, Four

X

X

Carcinoma In Situ, Three

X

X

Carcinoma In Situ, Two

X

X X

X

Sarcoma

X

Squamous Cell Carcinoma

X

Squamous Cell Carcinoma, Five

X

Squamous Cell Carcinoma, Four

X

X X

Squamous Cell Carcinoma, Three

X X

X

Squamous Cell Carcinoma, Two

X

X

Squamous Cell Papilloma

X

X

X

X X

X

### Musculoskeletal System

Bone

+

### Nervous System

NONE

### Respiratory System

Lung

+

### Special Senses System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>NO CREAM0.9 MED | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  |             | 5 | 3 | 5 | 5 | 6 | 3 | 2 | 7 | 6 | 8 | 6 | 0 | 4 | 6 | 8 | 2 | 0 | 8 | 3 | 1 | 9 | 4 | 2 | 6 |
|  |             | 2 | 2 | 2 | 2 | 7 | 2 | 1 | 4 | 0 | 3 | 0 | 5 | 5 | 3 | 2 | 9 | 4 | 3 | 2 | 7 | 7 | 6 | 8 | 8 |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Special Senses System

Eye

+

+

+

Lacrimal Gland

+

Urinary System

Kidney

+

Urethra

+

SYSTEMIC LESIONS

Multiple Organ

+

+

+

Lymphoma Malignant

X

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:31

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>NO CREAM0.9 MED | DAY ON TEST | 0       | 0 | 0 | 0 | 0 |
|--|-------------|---------|---|---|---|---|
|  |             | 2       | 2 | 2 | 2 | 2 |
|  |             | 5       | 3 | 5 | 5 | 3 |
|  |             | 2       | 9 | 2 | 2 | 9 |
|  |             | 0       | 0 | 0 | 0 | 0 |
| ANIMAL ID                                | ANIMAL ID   | 3       | 3 | 3 | 3 | 3 |
|  |             | 5       | 5 | 5 | 5 | 5 |
|  |             | 0       | 0 | 1 | 1 | 1 |
|  |             | 8       | 9 | 0 | 1 | 2 |
|  |             | *TOTALS |   |   |   |   |

**Alimentary System**

Liver + 3

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

Tissue NOS + 1

**Genital System**

Preputial Gland + 3

**Hematopoietic System**

Bone Marrow + + + + + 33

Lymph Node + + + + + 20

Lymph Node, Mandibular + 8

Lymph Node, Mesenteric + 2

Spleen + + + + + 33

Thymus + 1

**Integumentary System**

Skin, Control + + + + + 35

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:44:32

**First Dose M/F:** NA / NA

**Lab:** NCTR

| <b>SKH-1/NCTR Mouse Male</b><br><b>NO CREAM0.9 MED</b> | DAY ON TEST |                |   |   |   |    |
|--|-------------|----------------|---|---|---|----|
|  |             | 0              | 0 | 0 | 0 | 0  |
|  |             | 2              | 2 | 2 | 2 | 2  |
|  |             | 5              | 3 | 5 | 5 | 3  |
|  |             | 2              | 9 | 2 | 2 | 9  |
|  | ANIMAL ID   | 0              | 0 | 0 | 0 | 0  |
|  |             | 3              | 3 | 3 | 3 | 3  |
|  |             | 5              | 5 | 5 | 5 | 5  |
|  |             | 0              | 0 | 1 | 1 | 1  |
|  |             | 8              | 9 | 0 | 1 | 2  |
|  |             | <b>*TOTALS</b> |   |   |   |    |
| Skin, Site Of Application                              |             | +              | + | + | + | +  |
| Carcinoma In Situ                                      |             |                |   | X |   | 8  |
| Carcinoma In Situ, > Five                              |             |                | X |   |   | 1  |
| Carcinoma In Situ, Five                                |             |                |   |   |   | 2  |
| Carcinoma In Situ, Four                                |             |                |   |   |   | 3  |
| Carcinoma In Situ, Three                               |             |                |   |   |   | 1  |
| Carcinoma In Situ, Two                                 |             |                |   |   |   | 4  |
| Sarcoma  |             |                |   |   |   | 1  |
| Squamous Cell Carcinoma                                |             |                |   |   |   | 8  |
| Squamous Cell Carcinoma, Five                          |             |                |   |   |   | 1  |
| Squamous Cell Carcinoma, Four                          |             | X              |   |   |   | 3  |
| Squamous Cell Carcinoma, Three                         |             |                |   |   |   | 4  |
| Squamous Cell Carcinoma, Two                           |             | X              |   | X | X | 17 |
| Squamous Cell Papilloma                                |             |                |   |   |   | 2  |
| <b>Musculoskeletal System</b>                          |             |                |   |   |   |    |
| Bone   |             |                |   |   |   | 1  |
| <b>Nervous System</b>                                  |             |                |   |   |   |    |
| NONE   |             |                |   |   |   |    |
| <b>Respiratory System</b>                              |             |                |   |   |   |    |
| Lung   |             | +              | + | + | + | +  |
| <b>Special Senses System</b>                           |             |                |   |   |   |    |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:44:32

First Dose M/F: NA / NA

Lab: NCTR

| SKH-1/NCTR Mouse Male<br>NO CREAM0.9 MED | DAY ON TEST | 0       | 0 | 0 | 0 | 0 |
|--|-------------|---------|---|---|---|---|
|  |             | 2       | 2 | 2 | 2 | 2 |
|  |             | 5       | 3 | 5 | 5 | 3 |
|  |             | 2       | 9 | 2 | 2 | 9 |
|  |             | 0       | 0 | 0 | 0 | 0 |
| ANIMAL ID                                | ANIMAL ID   | 3       | 3 | 3 | 3 | 3 |
|  |             | 5       | 5 | 5 | 5 | 5 |
|  |             | 0       | 0 | 1 | 1 | 1 |
|  |             | 8       | 9 | 0 | 1 | 2 |
|  |             | *TOTALS |   |   |   |   |

Special Senses System

|                |   |   |
|----------------|---|---|
| Eye            |   | 3 |
| Lacrimal Gland | + | 3 |

Urinary System

|         |   |   |
|---------|---|---|
| Kidney  | + | 2 |
| Urethra |   | 1 |

SYSTEMIC LESIONS

|                    |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|----|
| Multiple Organ     | + | + | + | + | + | 35 |
| Lymphoma Malignant |   |   |   |   |   | 1  |

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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\*\* END OF REPORT \*\*

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